

TAX4539 Quality Assurance for Textiles and Clothing

Level	Level 4
Course Code	TAX4539
Course Title	Quality Assurance for Textiles and Clothing
Credit value	5
Core/Optional	Core (Apparel Production and Management, Textile manufacture, Fashion Design and Product Development)
Prerequisites	15 credits (P)
Course Aim/s	to provide the theoretical and practical knowledge of doing the important textile testing and guide the students to select good quality textile materials for the production.
Course Learning Outcomes (CLO):	<p>At the end of the course, student should be able to,</p> <p>CLO 1: Describe the importance of quality in manufacturing based on manufacturers' and customers' perspectives</p> <p>CLO 2: Explain how to design and develop a quality product</p> <p>CLO 3: Apply the standard quality procedures and international quality assurance systems for manufacturing</p> <p>CLO 4: Apply the methods of optimizing the total quality cost of a particular product</p> <p>CLO 5: Explain the important factors and their effect on a quality apparel product</p> <p>CLO 6: Apply the standard methods for selecting raw materials to produce a quality apparel product</p> <p>CLO 7: Identify common defects occurred in various stages in garment manufacturing and suggest solutions for them</p> <p>CLO 8: Perform appropriate testing on fibres, yarns and fabric properties & characteristics as per the standards</p> <p>CLO 9: Identify textile fibres using standard methods</p>
Content (Main topics, sub topics)	<p>Outline syllabus:</p> <p>Unit 1: Concept of quality</p> <p>Unit 2: Evaluating garment quality</p> <p>Unit 3: Fabric quality and testing</p> <p>Unit 4: Yarn quality and testing</p> <p>Unit 5: Fibre identification and testing</p> <p>Laboratory Work:</p> <p>Lab Class I, Lab Class II and Lab Class III</p>